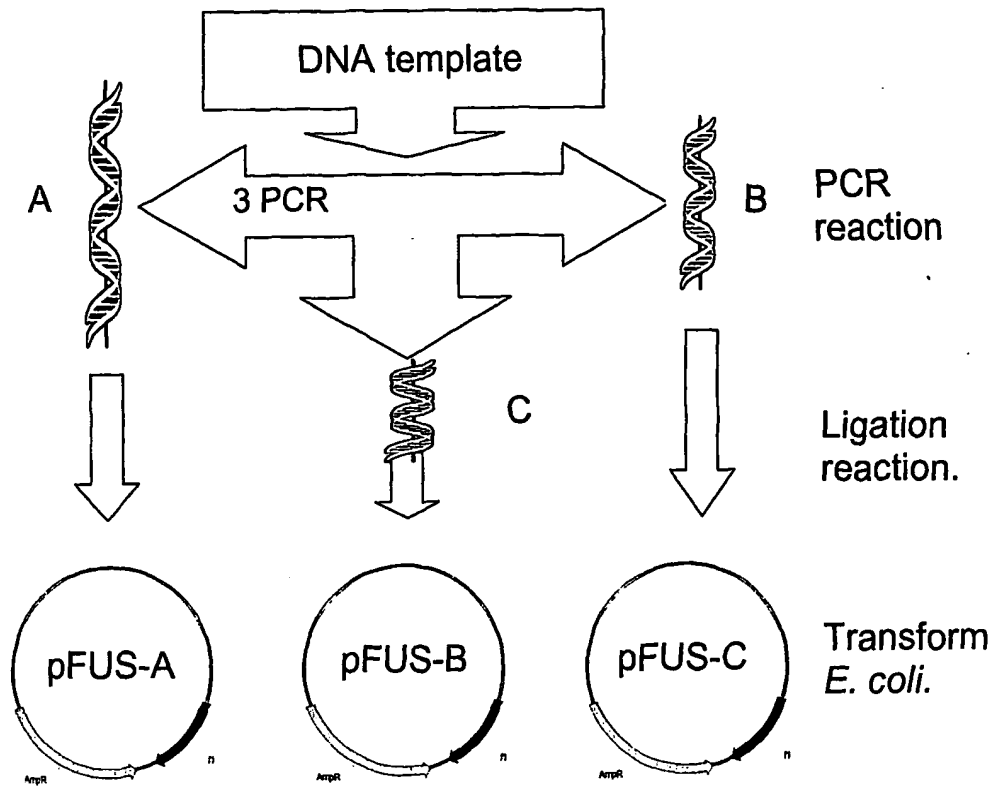
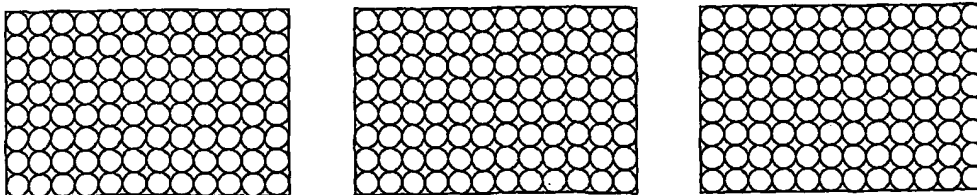


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Figure 1



Each target insert is ligated into various vectors and transformed into hosts eg *E. coli*. Typically, at least 3 inserts are designed for each target protein, each of which is ligated into 4 vectors on separate transformant plates. 24 clones from each transformant plate (i.e. total of 288 clones) are then propagated.



Flow chart of the fusion antibodies
high-throughput process

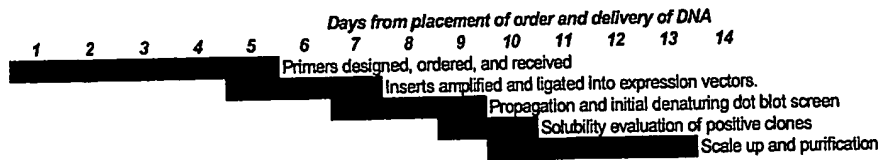
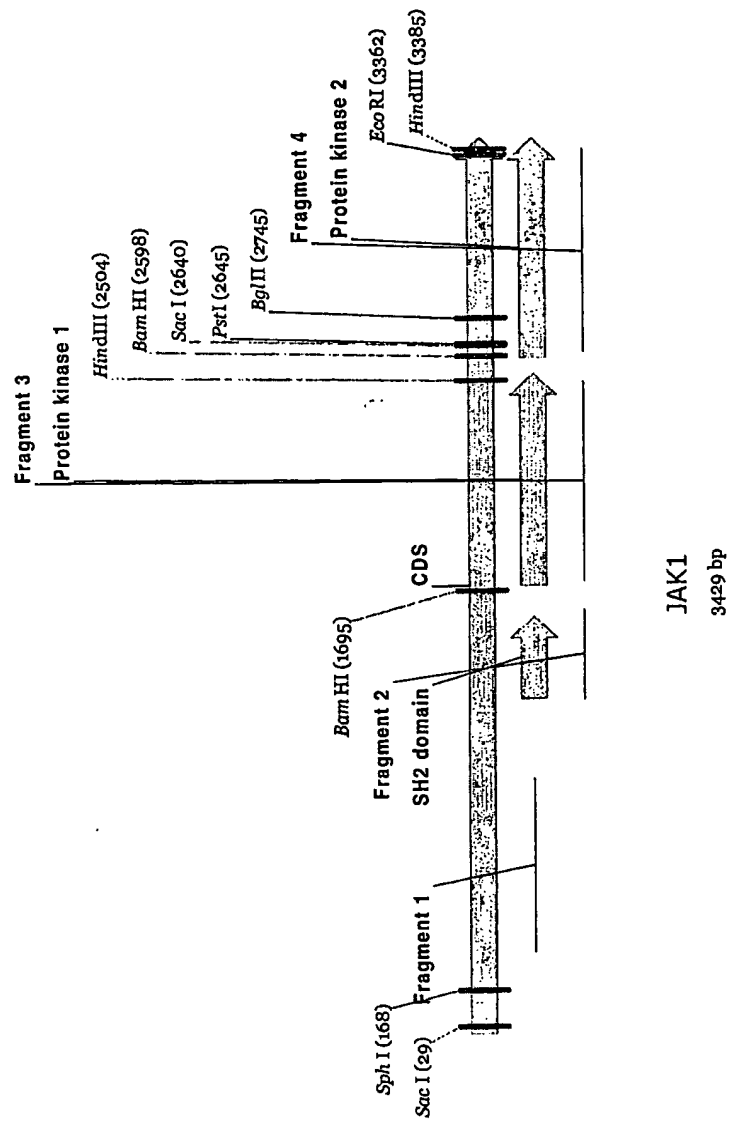
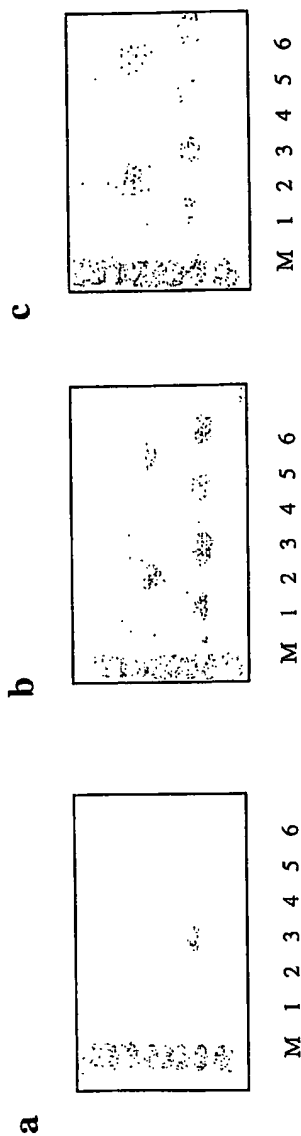
Figure 2**Timetable for Production of Protein**

Figure 3



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Figure 4



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A B C D E F G H

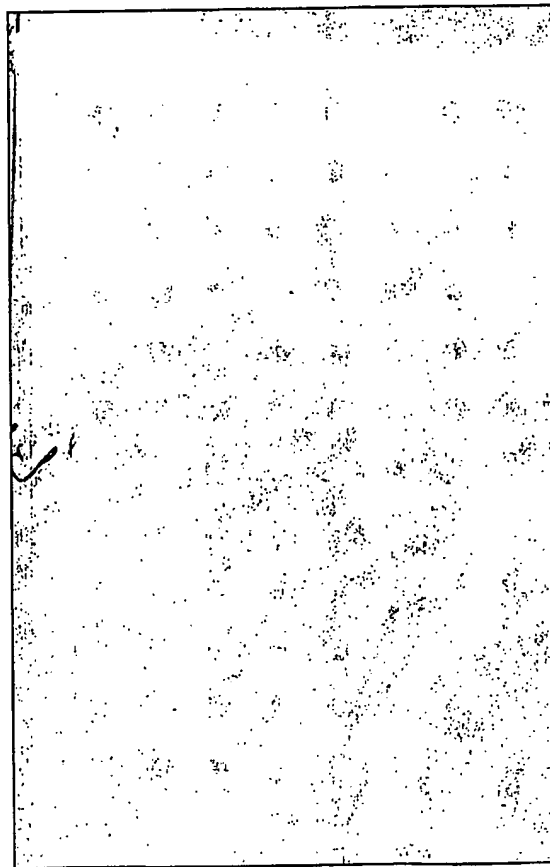
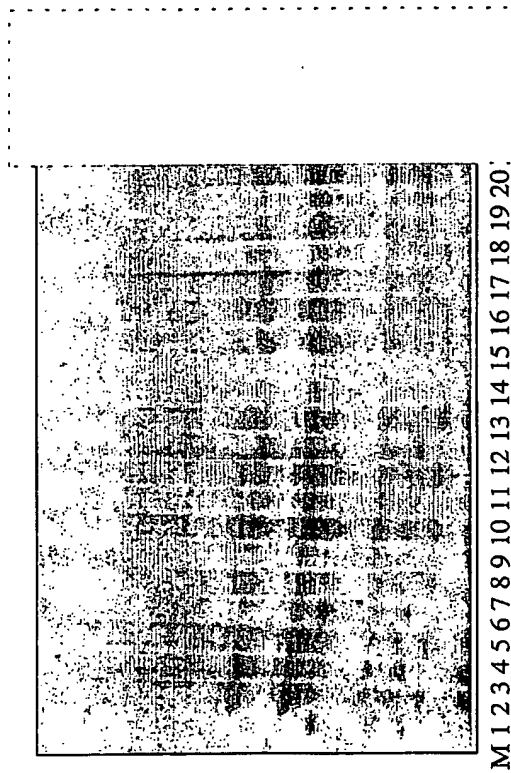


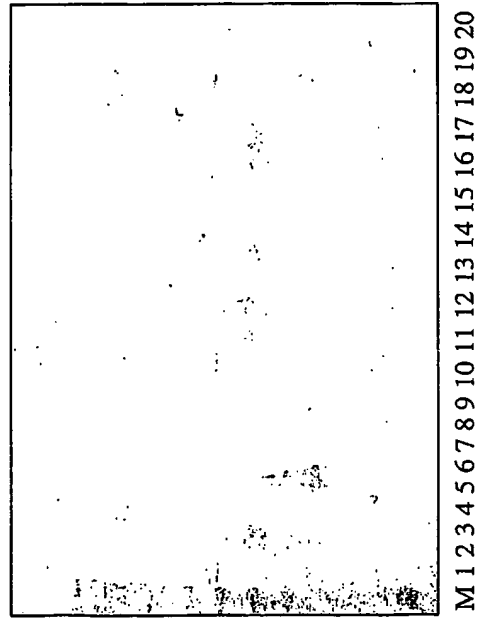
Figure 5

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Figure 6
a



b



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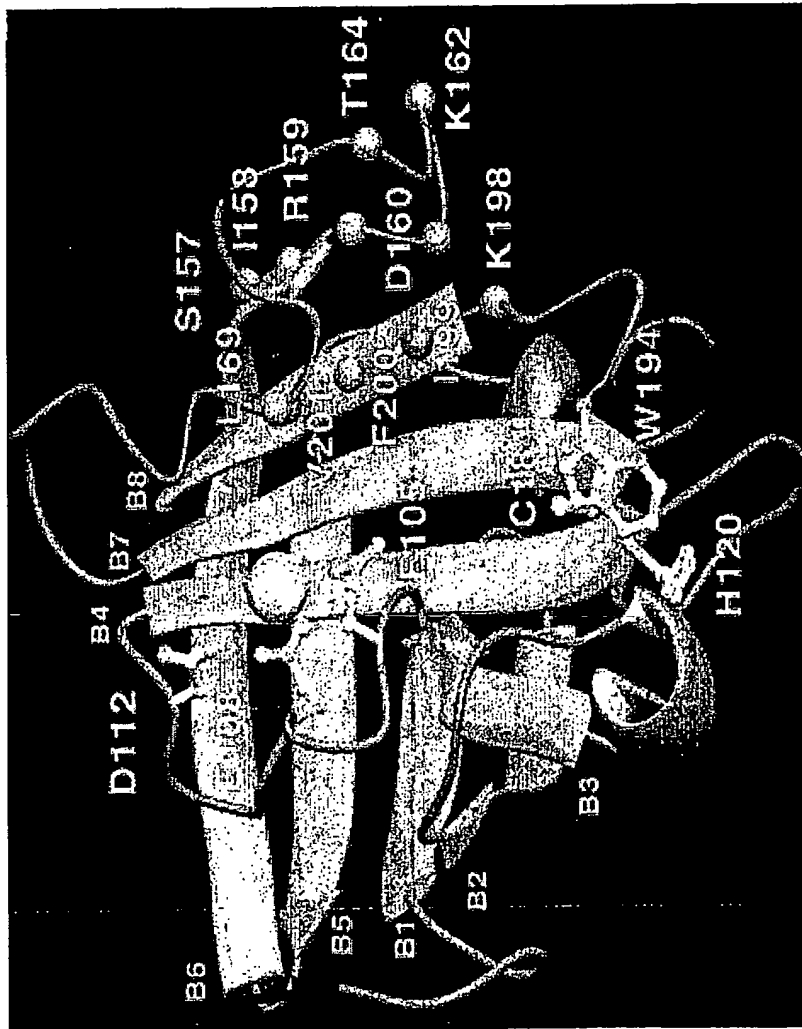


Figure 7

Figure 8a

ATAGAGGATCGATCACCATCACCATCAGGATCTAAACCACATATCGATAATTATCTTT
TACTCTCTAGCGTAGTGGTAGTGGTAGTGGCTAGATTGGTGATAGCTAATAATAGAA
M R G S H H H H H H H G S K P H I D N Y L
60

CAGATAAAGATAAAGATGAAGGATTGAACAATATGATAAATAATGTAAAGAACAAGCG
GTGCTATTCTATTCTACTTTCTCTAATCTTCTTAATCTATCTATTTTACATTTCTTGTCGCG
H D K D K D E R I E Q Y D K N V K E Q A
120

AGTAAGGATAAARAAGCAGCAAGCTAAACCTCAAAATCCGAAAGATAAATCGAAAGTGGCA
TCAATTCCTATTTTTCGTCGTTTCGATTGGAGTTTAAGGCTTTCTATTAGCTTTTCACCGT
S K D K K Q Q A K P Q I P K D K S K V A
180

GGCTATATTGAAATTCAGATGCTGATATTAAGAAGAACCATGATATCCAGGACCAGCAACA
CCGATATAACCTTAAAGGCTCAGACTATAAATTTCTTGGTCATATAGGTCCTGGTCGTTGT
G Y I E I P D A D I K E P V Y P G P A T
240

CCTGAACAATAAATAGAGGTGTAAAGCTTTGCAGAGAAGAAAATGAATCAGTAGATGATCAA
GGACTTGTGTTAATTTATCTCCACATTCGAACAGCTCTCTTTTACTTACTAGTGATCTACTAGTT
P E Q L N R G V S F A E E N E S L D D Q
300

AATATTTCAATTTGCAGGACACACTTTCTATTGACCGTCGAAACTCAATTTACAAAATCTTT
TTATAAAGTTAAACGTCCTGTGTGAAGAAGTAACTGGCAGGCTTGATAGTTAAATGTTTTAGAA
N I S I A G H T F I D R P N Y Q F T N L
360

AAAGCGCAAAAAGGTAGTAGTGTACTTTAAAGTTGGTAAATGAACAACACGTAAGTAT
TTTTCGTCGGTTTTTCCATCATACCACATGAATTTCAACCATTTACTTTTGTGCATTCATA
K A A K K G S M V Y F K V G N E T R K Y
420

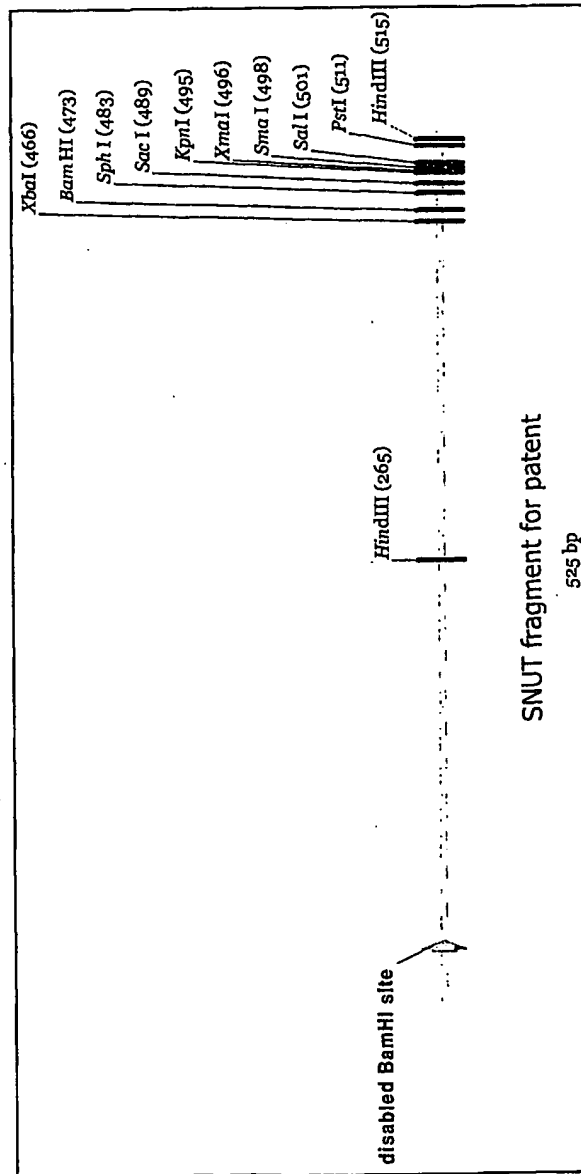
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TTTTACTGTTCATATCTCTACAAATTCGGATGCTACATCTTCAAGATCTACTAGGCGT
K M T S I R D V K P T D V E V L D G S A
480

TGCGAGCTCGGTACCCCGGGTCGACCTGCAGCCAAAGCTTAATTAG 525
ACGCTCGAGCCATGGGGCCCGAGCTGGACGTCGGTTTCGAATTAAATC
C E L G T P G R P A A K L N *

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Figure 8b

b



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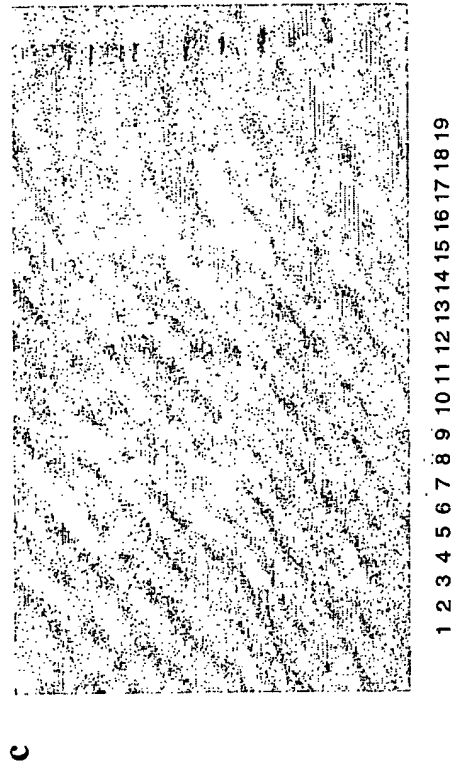
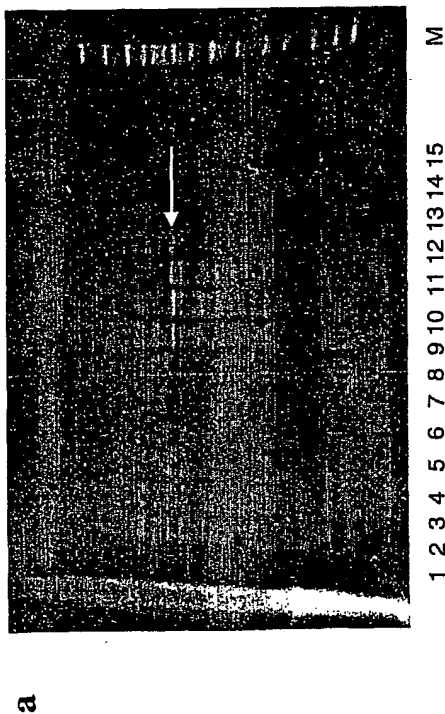
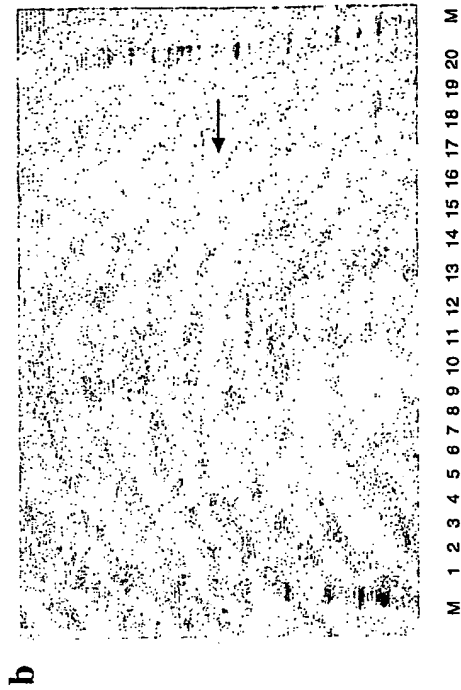


Figure 9